

TITLE

**METHOD OF ISOLATING MESENCHYMAL STEM CELLS**

ABSTRACT OF THE DISCLOSURE

5        The invention discloses a novel method of isolating mesenchymal stem cells (MSCs), which is characterized by purifying pluripotent MSCs based on physical characters and biological properties and without the uses of antibodies. The present invention also relates to the application of the  
10      isolated MSCs to serve as tissue replacement or gene therapy for tissues damaged by age, trauma, and disease.